

MAKSEIMUK, Yu.A. (Ivano-Frankovsk, ul. Tserzhinskaya, 34, kv.2)

Distribution and potential properties of the bronchial arteries in dogs with reference to shifts in external respiration. Arkh. anat., gist. i embr. 45 no.12:47-50 D '63. (MIRA 17:8)

1. Kafedra normal'noy anatomii (zav. - prof. Ye.B. Mel'ner)
Ivano-Frankovskogo meditsinskogo instituta.

MAKSIMUK, Yu.A. [Maksymuk, IU.O.]

Distribution of and anastomoses in the pulmonary artery branches
in dogs. Dop. AN URSR no.9:1230-1234 '61. (MIRA 14:11)

1. Stanislavskiy meditsinskiy institut. Predstavleno akademikom
AN USSR V.G. Kas'yanenko [Kas'ianenko, V.H.].
(DOGS—ANATOMY)

MAKSIMYUK, Ye.A.; GINSBURG, G.S.; AGREST, F.B.; LEMEL'SHTRAYKH, V.Ye.

Polarographic and spectrophotometric studies of the properties
of complex compounds as dependent on the conditions of their
formation. Zhur. prikl. khim. 37 no.6:1233-1237 Je '64.

(MIRA 18:3)

MAKSIMUK, P.S. [Maksymuk, P.S.]

Results of the work of the Gindeshty Sugar Factory.
Khar. prom. no.4:54 O-D '65. (MIRA 18:12)

MAKSIMUK, P.S. [Maksymuk, P.S.]

Device for machining grooves in apertures. Khar. prom. no. 2860
Ap-Je '65. (MIRA 1885)

MAKSIMUK, P.S. [Maksymuk, P.S.]

Eliminating shortcomings in the assembly of saturation price
settlers. Khar. prom. no. 1:47-48 Ja-Mr '65. (MIRA 18:4)

MAKSIMUK, P.S.

Experience in the conversion of a bagasse dryer to gasol air spraying
fuel system. Sakh.prom. 38 no.2:34-37 F '64. (MIRA 17:3)

1. Gindeshtskiy sakharovyy zavod.

SOFRONYUK, L.P.; MAKSIMUK, P.S.

Mechanized concrete mixer. Sakh.prom. 38 no.1:44-45 Ja '64.
(MIRA 17:2)

MAKSIMUK, P.S.

Improved shaker screen. Sakh.prom. 37 no.9:36-37 S '63.
(MIRA 16:9)

1. Gidenshtskiy sakharney zavod.
(Sugar machinery)

MAKSIMUK, P.S.

Foam formation and some other processes taking place in the thickeners of saturation juices. Sakh.prom. 37 no.9:22-24 S '63.
(MIRA 16:9)

1. Gindeshtskiy sakharnyy zavod.
(Sugar manufacture)

SAFRONYUK, L.P.; MAKSIMUK, P.S.

Some factors affecting the performance of multiple-tray separators.
Sakh.prom. 37 no.6:16-17 Je '63. (MIRA 16:5)

1. Gindeshtskiy sakharney zavod.
(Sugar machinery)

MAKSIMUK P.S.

Improving the performance of platform conveyors. Sakh. prom.
37 no.5:43-45 My '63. (MIRA 16:6)

1. Gindeshtskiy sakharney zavod.
(Conveying machinery)

MAKSIMUK, P.S.

Efficiency promotion at the Kupyansk Factory. Sakh. prom. 33
no.8:44-46 Ag '59. (MIRA 12:11)

1. Kupyanskiy sakharnyy zavod.
(Kupyansk--Sugar industry) (Hoisting machinery)
(Loading and unloading)

MAKSIMUK, P.S.

Method for clearing gears of molasses pumps. Sakh.prom. 33
no.7:33-34 J1 '59. (MIRA 12:11)

1. Kupyanskiy sakharnyy zavod.
(Sugar machinery)

BAGLYUK, A.D.; BANDYLOV, A.P.; MARISHCHENKO, V.V.; ANUCHIN, P.F.;
KRASNOSLOBODTSEV, N.A.; SAKUN, A.N.; KOZLOV, Ye.A.; KHOMENKO,
V.S.; MAKSIMUK, P.S.

Survey of letters and articles. Sakh. prom. 33 no.2:58-60
F '59. (MIRA 12:3)

1.Kamenskiy sakharanny zavod (for Baglyuk). 2.Sokolovskiy sakhar-
nyy zavod (for Bandylov). 3.Yagotinskiy sakharanny zavod imeni
Il'icha (for Marishchenko). 4.Uzinskiy sakharanny zavod (for
Anuchin). 5.Novo-Troitskiy sakharanny zavod (for Krasnoslobodtsev).
6.Ukrgiproved (for Sakun). 7.Khutor-Mikhaylovskiy rafinadnyy zavod
(for Kozlov). 8.Shpolyanskiy sakharanny zavod (for Khomenko).
9.Kupyanskiy sakharanny zavod (for Maksimuk).
(Sugar industry) (Sugar beets)

MAKSIMUK, P.S.; KHODAK, N.

Use of blowers for feeding carbon dioxide gas to saturators. Sakh.
prom. 31 no.2:45-46 F '57. (MLRA 10:4)

1. Kupyanskiy sakharney zavod.
(Blowers) (Carbon dioxide) (Sugar machinery)

MAKSIMUK, P.S.

Structural defects of equipment manufactured by machine building plants. Sakh.prom 30 no.12:10-12 D '56. (NLRA 10:1)

1. Kupyanskiy sakharanyy zavod.
(Sugar industry--Equipment and supplies)

MAKSIMUK, P.S.

~~MAKSIMUK, P.S.~~
Belt conveyor for removing rocky material from underneath the
Mica apparatus. Sakh.prom. 30 no.8:40 Ag. '56. (MLRA 9:11)

1. Kupyanskiy sakharnyy zavod.
(Sugar industry--Equipment and supplies) (Conveying machinery)

MAKSIMUK, P.S.

Operation of centrifugal pumps. Sakh.prom. 30 no.7:37-39 J1 '56.
(MLRA 9:11)

1. Kupyanskiy sakharney zavod.
(Centrifugal pumps)

MAKSIMUK, P.S.

Repairing the link of a shaping machine. Sakh.prom. 29 no.7:
32-33 '55. (MIRA 9:1)

1.Kupyanskiy sakharnyy zavod.
(Shapers--Repairing)

MAKSIMUK, B.Ya.

T-S-diagram for methane in the temperature range from 0° to
150°C and at pressures from 12 to 100 ata. Trudy Inst. isp. gaza
AN USSR 9:109-110 '61. (MIRA 15:9)

(Methane)

MAKSIMUK, B. Ya.

MAKSIMUK, B. Ya.

Experimental determination of temperatures in the cylinder of a
piston expander. Trudy Inst. isp. gaza AN URSS no. 4:73-86 '56.
(Refrigeration and refrigerating machinery) (MIRA 10:12)
(Temperature--Measurement)

MAKSIMUK, A.P.

Electric systole of the heart in acute disorders of cerebral circulation. Vrach. delo no.1:48-50 Ja'64 (MIRA 17:3)

1. Nevrologicheskoye otdeleniye L'vovskoy oblastnoy klinicheskoy bol'nitsy; nauchnyye rukovoditeli - ~~zasluzhennyy~~ deyatel' nauki, prof. D.I.Panchenko i prof. S.F.Oleynik.

MAKSIMUK, A.P.

Some cardiographic changes in acute disorders of the cerebral
blood circulation. Vrach.delo no.2816-22 F '63. (MIRA 1635)

1. Nevrologicheskoye otdeleniye (nauchnyye rukovoditeli - zas-
luzhennyy deyatel' nauki, prof. D.I. Panchenko i prof. S.F.
Oleynik) L'vovskoy oblastnoy klinicheskoy bol'nitsy.
(ELECTROCARDIOGRAPHY) (CEREBROVASCULAR DISEASE)

MAKSIMOW, Nina

Second Session of the Hydrometeorological Commission of the World Meteorological Organization. Gosp wodna 25 no.2:77 F '65.

1. Secretariat of the World Meteorological Organization in Geneva.

Maksimowa, A.

877.1:546
Maksimowa A. Microelements and their Role in the Life of Organisms.
Mikroelementy i ich znaczenie w zyciu organizmów. Warszawa,
1954. PWRIL, 169, 420 pp., 47 figs., 345 tabs.
(monograph on the most important microelements (copper, man-
ganese, zinc, molybdenum, cobalt, iodine, and boron). This book discus-
ses their presence in the soil and in live organisms together with their
physiological and economic role.

MAKSIMOW, Aleksander; MATYJASIK, Zygmunt

Productive value of ammoniated peats as compared to other organic fertilizers. Postepy nauk roln 10 no.4:21-29 J1-Ag '63.

1. Katedra Torfoznawstwa, Szkola Glowna Gospodarstwa Wiejskiego, Warszawa.

MAKSIMOW, Aleksander; MUSIEROWICZ, Arkadiusz

On the organization of scientific work and research problems of colleges of agriculture and the Institute for Pedology and Agricultural Chemistry in Yugoslavia. Postepy nauk roln 8 no.5:119-122 S-0 '61.

(Yugoslavia--Agriculture)

Maksimov, A.

- V
AG
- (a) Peat lands of Bishara. A. Maksimov, H. Okrusko and S. J. Iwaki. (a) Peat lands of territories of the Onulew river basin. H. Okrusko (Roczn. Nauk WIL, 1956, 71, A, 351-406, 407-441).
 - (a) A survey. The lands consist in river-type formations of no value except for agricultural purposes.
 - (b) A survey with suggestions for agricultural use. P. S. Arup.

(2)

MAKSIMOW, A.; LIWSEKI, S.; ADAMSKI, P.

Peat bog Z, p. 263. (ROCZNIKI GLEBOZNAWCZE, Warszawa, Vol. 3, 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955,
Uncl.

MAKSIMOV, A.

Chemical Abst.
Vol. 48, No. 9
May 10, 1954
Soils and Fertilizers

(2)
Nitrification of ammoniated peat. A. Maksimov and S. Dlubakowski. *Roczniki Nauk Rolniczych* 66, Ser. A, No. 1, 77-88 (in Russian, 93; in English, 94) (1952).—Expts. were carried out on the nitrification of ammoniated peat in mixts. with podzol soil in acid and alk. media. High raw peat in an acid medium was not subject to nitrification. The N of ammoniated peats prepd. at a normal temp. and the N of raw peat and ammoniated water mixts. was nitrified intensively in an alk. medium. The nitrification process was much slower in an acid medium. Ammoniated peats prepd. at 200° were more difficultly nitrified even in an alk. medium. N losses reached 0.5-2.0% after 8 weeks of composting different peat products with podzol soil. The N₂ N content in the mixts. was higher in the acid media. The influence of microelements (particularly Mo and Cu) on N accumulation was considerable in all of the combinations with an alk. reaction. Ernest C. Jaworski

MAKSYMOW, A.

Chemical Abst.
Vol. 48 No.9
May 10, 1954
Soils and Fertilizers

The fertilizing value of ammoniated peat. A. Maksimow and Z. Grudziński. *Roczniki Nauk Rolniczych* 60, Ser. A, No. 1, 63-74 (in Russian 73-81; in English, 74-81) (1952).—

The fertilizing action of ammoniated peat was studied in the field with oats and cabbage. Both crops were given basic P-K fertilizers. The oats were given 30 kg. of N per ha. Only the N adsorbed by the peat was taken into consideration. Nonammoniated peat did not increase the yield of oats. Yield increases were obtained with $(\text{NH}_4)_2\text{SO}_4$ (4.7 quintals/ha.), ammoniated peat (3.8 quintals/ha.), low peat and ammoniated water (2.8 quintals/ha.), high peat and ammoniated water (2.7 quintals/ha.), and ammoniated water alone (2.5 quintals/ha.). The N content in the grain changed little under the influence of fertilization. In the experiments with cabbage, all of the nitrogenous fertilizers, both mineral and peat, were applied at the rate of 200 kg. of N per ha. Peat fertilizers were applied at the rate of 8700 kg. per ha. (absolute dry-matter basis) in the form of industrial peat bedding. A combination of ammoniated peat was included which contained microfertilizer addns. of CuSO_4 , MnSO_4 , and by-products of the B. industry. Natural peat caused a decrease in yield. Fertilization with $(\text{NH}_4)_2\text{SO}_4$ or ammoniated peat alone resulted in minor yield increases within the limits of error. The highest yield increases were obtained with ammoniated peat plus microfertilizers; natural peat plus NH_4NO_3 , and natural peat plus ammoniated water. The N content in cabbage was lowest in the fertilizer combinations without N and on natural peat. The N content was higher and more uniform with the other combinations.

Ernest C. Jaworski

①

MAKSIMOW, B.

A

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Soils and Fertilizers

③
The influence of ammoniated peat on yields of cabbage. B. Majewski, A. Maksimow, and B. Szmidtówna. *Roczniki Nauk Rolniczych* 66, Ser. A, No. 1, 51-63 (1952). - The influence of high raw peat with a degree of decompn. of approx. 15% was neg. on crop yields of cabbage (var. Amager). Low peats with degrees of decompn. of 50% (slightly decompd.) and 90% (highly decompd.) had no observable influence. Transitional peat with a degree of decompn. of 70% had a pos. influence. The action of ammoniated peat on the yields of cabbage depended on the kind of peat used. N absorbed from high and transitional peats acted almost as well as the N derived from $(NH_4)_2SO_4$. The action of N absorbed from both low peats was greater than that from $(NH_4)_2SO_4$. A definite correlation was found between crop yield and the amount of N absorbed. The N of raw peat, with the exception of the transitional peat, was found to be useless for the plants. Raw peat reacted unfavorably upon the absorption of N from $(NH_4)_2SO_4$. The utilization of N absorbed in high and transitional ammoniated peat was approx. the same as that of $(NH_4)_2SO_4$ in the presence of peat. The utilization was less than in the case of $(NH_4)_2SO_4$ alone. The N absorbed in ammoniated low peats was more readily utilized than that in $(NH_4)_2SO_4$ alone. All expts. were carried out in test pots on a sandy podzol deficient in N. The three combinations of peat used were raw peat, raw peat with 1.4 g. of N (per pot) in the form of $(NH_4)_2SO_4$, and ammoniated peat in such quantities that the amt. of absorbed N was equal to 1.4 g. of N per pot. E. G. J.

VAKHTUROV, A., inzh.; MAKSIMOVYKH, M., inzh.

Improve the organization of the movement of goods. Rach. transp.
24 no.5:16-18 '65. (MIRA 18:9)

10-11-57

10-11-57

Investigations at current den-
 tations in the temperature interval 10-20°C yielded the re-
 sults shown in Table 1. The authors are sincerely grateful to
 V. B. Lazarev for help with the work and to
 A. I. Kuznetsov for a discussion of the results and critical remarks.
 [02]

10-11-57

Physicochemical Institute im. Lebedev AN SSSR, Moscow (Physics Institute)

10-11-57

ENCLOSURE 01

SUB CODE: 00, 10

10-11-57

OTHER 00

AND PRESS: 4009

Author: AFAN, A. S. KOLA, E. M. Kolesov, E. M.

Title: Probability (yield) of radiative recombination in cadmium telluride under electron excitation

Source: Sov. Phys. Tech. Phys., v. 7, no. 5, 1961, 1558-1559

Topic: Cadmium telluride, electron excitation, radiative recombination, recombination yield, recombination probability, energy yield

Abstract: This is a continuation of earlier investigations (PTE v. 6, 1406, 1964). The purpose of the present research was to determine the energy yield of electron excitation of radiative recombination of electron-excited cadmium telluride when excited with pulses of 10-keV electrons at a current density up to 10^{10} amp/cm². The sample in the form of a plate 0.7 mm thick was cleaved from a single crystal and mounted on the gold finger of a helium cryostat. The electron beam was incident at 45° on the cleaved surface. The recombination radiation was measured with a photomultiplier in a small

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700042-6

S.V., doktor tekhn. nauk, prof., red.

[Sewer networks; design practices] Kanalizatsionnaia set';
praktika proektirovaniia. Moskva, "Stroizdat," 1964. 179 p.
(MIRA 17:6)

MAKSIMOVSKIY, N., kand. tekhn. nauk

Machines for preparing lightweight and ordinary concrete.
Sel'. stroi. no.9:13 S '62. (MIRA 15:10)

(Concrete mixers)

MAKSIMOVSKIY, N., kand.tekhn.nauk; SOKOLOV, N., inzh.

New technique for the production of large keramzit-concrete
slabs. Na stroi.Ros. 3 no.9:33-35 S '62. (MIRA 15:12)
(Concrete slabs) (Keramzit)

MAKSIMOVSKIY, N., kand.tekhn.nauk

Village keramzit plant. Sel'. stroi. 15 no.7:11-13 J1 '61.
(MIRA 14:8)

(Astrakhan--Aggregates (Building materials))

MAKSIMOVSKIY, N.P., kand.tekhn.nauk

Set of equipment for manufacturing keramzit in rural construction.
Stroi.i dor.mash. 6 no.7:33-34 JI '61. (MIRA 14:7)
(Lightweight concrete)

MAKSIMOVSKIY, N.P., kand.tekhn.nauk; SOKOLOV, N.G., inzh.

Making lightweight concretes for large panels and blocks using
improved mixing machinery. Stroil. mat. 6 no.9:11-13 S '60.
(MIRA 13:9)

(Mixing machinery) (Lightweight concrete)

MAKSIMOVSKIY, Nikolay Pavlovich, kand. tekhn. nauk; SOKOLOVA, G.S., red.;
LEVINA, L.G., tekhn. red.

[Wall blocks made of local building materials] Stenovye bloki iz
mestnykh stroitel'nykh materialov. Moskva, Izd-vo M-va sel'.khoz.
RSFSR, 1960. 133 p. (MIRA 14:10)
(Building blocks) (Walls) (Lightweight concrete)

~~MAKSIMOVSKIY, Nikolay Pavlovich~~, kand.tekhn.nauk; SHCHEPETOV, A.M.,
kand.tekhn.nauk, retsenzent; YAROSHEVSKIY, V.M., red.izd-va;
SHLIKHT, A.A., tekhn.red.

[Large blocks; technology of large-block construction] Krupnye
bloki; osnovy tekhnologii krupnoblochnogo stroitel'stva. Izd.2.,
perer. i dop. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1959. 327 p.
(MIRA 12:12)

(Lightweight concretes) (Building blocks)

MAKSIMOVSKIY, N.P., kand. tekhn. nauk

Efficient designs of mixing machinery for making lightweight
concrete mixes. *Biul. stroit. tekhn.* 15 no. 12:28-30 D '58.
(MIRA 12:2)

1. Nauchno-issledovatel'skiy institut sel'skogo stroitel'stva.
(Mixing machinery) (Lightweight concrete)

MAKSIMOVSKIY, Nikolay Pavlovich, kandidat tekhnicheskikh nauk; BASOV, M.A.,
kandidat tekhnicheskikh nauk, redaktor; BASHKIROV, L.G., redaktor
izdatel'stva

[Large building blocks] Krupnye bloki. Moskva, Izd-vo Ministerstva
kommunal'nogo khoziaistva RSFSR, 1956. 239 p. (MIRA 10:1)
(Building blocks)

MAKSIMOVSKIY, Nikolay Pavlovich, kandidat tekhnicheskikh nauk; VDOV'YEVA, V.S., inzhener, redaktor; UDOD, V.Ya., redaktor; MEDVEDEV, L.Ya., tekhnicheskii redaktor

[Experience in using slag concrete in precast construction] Opyt primeneniia shlakobetona v sbornom stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekt., 1955. 242 p. (MLRA 8:6)
(Precast concrete construction)

MAKSIMOVSKIY, N., inzhener.

Horizontal sewage sedimentation tanks. Zhil.-kom.khoz. 4 no.6:
20-23 '54. (MLRA 7:10)
(Moscow--Sewage disposal) (Sewage disposal--Moscow)

MAKSIMOVSKIY, N.P., kandidat tekhnicheskikh nauk; GRIGOR'YEV, P.N., professor,
doktor tekhnicheskikh nauk.

[Structures and large blocks containing little cement] Maletsementnye konstruktsii i krupnye bloki. [2. izd.] Moskva, Izd-vo kommunal'nogo khoziaistva
BSFSR, 1953. 182 p.

(MIRA 6:10)

(Building materials)

MAKIMOVSKIY, N. P.

Concrete Construction

Economy of cement in concrete block construction. Stroi. prom. 30 No. 7, 1952

9. Monthly List of Russian Accessions, Library of Congress, October 1952, Uncl.

MAKSIMOVSKIY, N. P.

Stone, Artificial

Production of large block-panels at the silicate brick plant, *Biul. stroi. tekhn.* 9, no. 11, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED

FUKS, B.B. (Novosibirsk); VINOGRADOV, V.V. (Novosibirsk); SHISHKIN, G.S. (Novosibirsk); MAKSIMOVSKIY, L.P. (Novosibirsk)

Histochemical study of proteins, macopolysaccharides, certain enzymes and deoxyribonucleic acid in skin wounds in alimentary and alimentary-chemical vitamin C deficiency. Arkh. pat. no.1: 39-47 '64. (MIRA 17:11)

1. Iz laboratorii gistokhimii (zav. - doktor med. nauk B.B. Fuka) Instituta eksperimental'noy biologii i meditsiny (dir. - prof. Ye.N. Meshalkin) Sibirskogo otdeleniya AN SSSR i laboratorii nukleinovyykh kislot (zav. - kand. med. nauk E.I. Balganik) Instituta tsitologii i genetiki (dir. K.D. Belyayev).

FUKS, B. B.; KONSTANTINOVA, I. V.; KOLAYEVA, S. G.; TSYGANKOV, A. P.; SHUL'GA, V. A.
KRASS, P. ~~M~~ MAKIMOVSKIY, L. F.

"Anti-BSA formation initiated in vivo and in vitro by ribonucleic acid from lymph nodes and spleen of immunized rabbits (histochemical, biochemical and immunological investigation)."

report submitted for 2nd Intl Cong, Histochemistry & Cytochemistry, Frankfurt, 16-21 Aug 64.

Moscow.

Dept Experimental Biology, Inst Cytology & Genetics, AS USSR, Novosibirsk 72.

Materials of the Third Ural Conference (Cont.)

SOV/6181

COVERAGE: The collection presents theoretical and practical problems of the application of atomic and molecular spectral analysis in controlling the chemical composition of various materials in ferrous and nonferrous metallurgy, geology, chemical industry, and medicine. The authors express their thanks to G. V. Chentsova for help in preparing the materials for the press. References follow the individual articles.

TABLE OF CONTENTS:

Foreword

3

PART I

Sherstkov, Yu. A., and L. F. Maksimovskiy, Investigation of the dependence of the total intensity of spectral lines on the concentration of elements in an arc-discharge plasma

4

Card 2/2

MAKSIMOVSKIY, K.F.

PHASE I BOOK EXPLOITATION

SOV/6181

Ural'skoye soveshchaniye po spektroskopii. 3d, Sverdlovsk, 1960. Materialy (Materials of the Third Ural Conference on Spectroscopy) Sverdlovsk, Metallurgizdat, 1962. 197 p. Errata slip inserted. 3000 copies printed.

Sponsoring Agencies: Institut fiziki metallov Akademii nauk SSSR. Komissiya po spektroskopii; and Ural'skiy dom tekhniki VSNT0.

Eds. (Title page): G. P. Skorniyakov, A. B. Shayevich, and S. G. Bogomolov; Ed.: Gennadiy Pavlovich Skorniyakov; Ed. of Publishing House: M. L. Kryzhova; Tech. Ed.: N. T. Mal'kova.

PURPOSE: The book, a collection of articles, is intended for staff members of spectral analysis laboratories in industry and scientific research organizations, as well as for students of related disciplines and for technologists utilizing analytical results.

Card 1/2

MAKSIMOVSKIKH A. V.

USSR/Engineering - Generators Electric Power Stations

Sep 49

"Connection Large Hydroelectric Power Generators to the Line by the Self-Synchronization Method," B. A. Drabovskiy, A. V. Maksimovskikh, G. S. Safrazbekyan, Engineers, 3 pp

"Elek Stants" No 9

Presents results of 12 experiments carried out at a large USSR hydroelectric power station. Concludes that, when self-synchronization method is used switching-in process should be automatic. Existing automatic devices should be modified to increase their range of sensitivity.

PA 151T17

ACCESSION NR: AR4034734

theoretical analysis, for explaining the rules of heat and mass exchange during evaporation in a vacuum, the data of experimental research is included. By using the established rules, the authors compile a method of calculating the vacuum heat-exchange equipment, which operates below the three point with water vapor (an example of calculations is given.

DATE ACQ: 02Apr64

SUB CODE: AI, PH

ENCL: 00

Card 2/2

ACCESSION NR: AR4034734

8/0124/84/000/003/B093/B093

SOURCE: Ref. zh. Mekhan., Abs. 3B566

AUTHOR: Shumskiy, K. P.; Maksimovskaya, I. S.

TITLE: Heat and mass exchange during evaporation in a vacuum

CITED SOURCE: Tr. Vses. n.-i. i konstrukt. in-t khim. mashinostr., vyp. 44, 1963, 67-80

TOPIC TAGS: hydrodynamics, heat-exchange, diffusion, evaporation, noncondensable gases, mass exchange, vacuum

TRANSLATION: On the basis of the kinetic theory, a review was made of the particular features of the process of evaporation under a high vacuum for noncondensable gas for two cases: 1) evaporation in high vacuum with steam and 2) evaporation in medium and low vacuum with steam -- and also the process of evaporation with noncondensable gases. Evaluation was made of the influence of convection transfer of mass and energy in various conditions; ways of intensifying the sublimation process have been shown (addition of noncondensable gases, the application of an electric field, the passing through of charged ultrasonic oscillations). Along with the

Card 1/2

SHUMSKIY, K.P.; TOMS, I.K., kand. tekhn.nauk, retsenzent;
MAKSIMOVSKAYA, I.S., kand. tekhn. nauk, red.; SOKOLOVA,
T.F., tekhn. red.

[Vacuum apparatus and control instruments in chemical machinery
manufacture] Vakuumnye apparaty i pribory khimicheskogo mashino-
stroeniia. Moskva, Mashgiz, 1963. 555 p. (MIRA 16:10)
(Vacuum apparatus) (Chemical machinery)

MAKSIMOVSKAYA, I.S., kand. tekhn. nauk

Calculating vacuum sublimation condensers. Khim. mash. 3 no.3:17-18
My-Je '59. (MIRA 12:12)

(Condensers (Vapors and gases))

MAKSIMOVSKAYA, I.S., kand.tekhn.nauk; MOROZOV, A.V., inzh.

Operation of oil vacuum pumps with a ballast gas device. Sbor.
st. NIIKHIMMASH no. 24:71-76 '58. (MIRA 12:1)
(Pumping machinery) (Vacuum apparatus)

GREW, K.E.; IBBS, T.L.; ~~MAKSIMOVSKAYA, I.S.~~ [translator] LYKOV, A.V.,
professor, redaktor; RYDNIK, V.I., redaktor; GAVRILOV, S.S.,
tekhnicheskiiy redaktor

[Thermal diffusion in gases. Translated from the English]
Termicheskaya diffuziya v gazakh. Perevod s angliiskogo I.S.
Maksimovskoi. Pod red. A.V.Lykova. Moskva, Gos. izd-vo tekhniko-
teoret. lit-ry, 1956. 183 p. (MLRA 10:1)
(Diffusion)

MAKSIMOVSKAYA, I. S.

"Heat and Mass Exchange in the Condensation of Water Vapor in a Vacuum." Cand Tech Sci, Moscow Technological Inst of the Food Industry, Min Higher Education USSR, Moscow, 1955. (KL, No 12, Mar 55)

SO: Sum. No. 670, 29 Sep 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

YEMEL'YANOV, P.M.; MAKSIMOVICH, Yu.P.

Dynamics of the slide valve distributor on a NKR-100M semi-automatic drill. Fiz.-tekh. probl. razrab. pol. iskop. no.1: 67-74 '65. (MIRA 18:10)

1. Institut gornogo dela Sibirskogo otdeleniya AN SSSR, Novosibirsk.

BATRAK, Grigoriy Yevseyevich; MAKSIMOVICH, Ya.B., red.

[Pain, shock, anesthesia; on directed stabilization of
the brain hemispheres based on the example of morphine.
Bol', shok, narkoz; o napravlennoi stabilizatsii bol'shaya
polusharii golovnoye mozga na primere morfina. Kiev,
Zdorov'ia, 1965. 212 p. (MIRA 19:1)

MAKSIMOVICH, Ya.B.; GAYDENKO, A.I.

Changes in the metabolism and interorgan distribution of
vitamins PP and C under the influence of cobalt. Vop. pit.
22 no.5:50-55 S-0 '63. (MIRA 17:1)

1. Iz kafedry farmakologii (zav. - prof. Ya.B. Maksimovich)
Odesskogo meditsinskogo instituta imeni N.I. Pirogova.

^c
MAKSIMOVICH, Ya. B.; BRESLAVETS, V.I.; LYMAREVA, P.P.; POKOTILENKO, G.M.;
FEDOROVICH, T.I.

Content of principal water-soluble vitamins and carotene in fresh
and preserved donor's blood. Probl.gemat.i perel.krovi no.2:40-
42 '62. (MIRA 15:1)

1. Iz kafedry farmakologii (zav. - doktor med.nauk Ya.B Maksimovich)
Iuganskogo meditsinskogo instituta (dir. - prof. Ye.I. Pal'chetskiy).
(CAROTENE) (VITAMINS) (BLOOD—ANALYSIS AND CHEMISTRY)

MAKSIMOVICH, Ya.B.; MAKSYUTINSKAYA, O.V.

Objective test for determining the human vitamin PP supply.
Vop.pit. 20 no.2:82-88 Mr-Ap '61. (MIRA 14:6)

1. Iz L'vovskogo nauchno-issledovatel'skogo instituta okhrany
materinstva i detstva.
(NICOTINIC ACID)

MAKSIMOVICH, Ya.B.

Data on the significance of nicotinic acid in the process of inhibition
in the cerebral cortex. Farm. i toks. 22 no.4:297-303 JI-Ag '59.
(MIRA 13:1)

1. Kafedra farmakologii (zav. - dotsent Ya.B. Maksimovich) Luganskogo
meditsinskogo instituta.

(CEREBRAL CORTEX metab.)

(COENZYMES metab.)

(NICOTINIC ACID rel.cpds.

(REFLEX CONDITIONED metab.)

MAKSIMOVICH, Ya. B., Doc Med Sci (diss) -- "The basic mechanisms of the pharmacodynamic effect of nicotinic acid on the organism of man and animals". Moscow, 1959
16 pp (Acad Med Sci USSR), 225 copies (KL, No 21, 1959, 118)

MAKSIMOVICH, Ya.B.

Data on the physiological importance of nicotinic acid for children.
Pediatria no.7:83-85 J1 '57. (MIRA 10:10)

1. Iz fiziologicheskoy laboratorii (zav. - kandidat meditsinskikh
nauk Ya.B.Maksimovich) L'vovskogo nauchno-issledovatel'skogo
instituta okhrany materinstva i detstva (dir. I.D.Yashchuk)
(NICOTINIC ACID) (CHILDREN--NUTRITION)

MAKSIMOVICH, Ya.B.

Characteristics of conditioned vascular reflexes in preschool children. Zhur. vys. nerv. deiat. 5 no.5:708-713 S-0 '55.(MLRA 9:1)

1. Fiziologicheskaya laboratoriya L'vovskogo nauchno-issledovatel'skogo instituta okhrany materinstva i detstva.

(PLETHYSMOGRAPHY,

conditioned reactions in preschool child)

(REFLEX, CONDITIONED,

conditioned plethysmographic reactions in preschool child)

MAK SIMOVICH, Ya. B.

PETROVSKIY, Yu.A.; MAK SIMOVICH, Ya.B. SERDYUK, Ye.N.

Interoception of the liver and bile ducts. Part 3. Physiological and pharmacological analysis of interoceptive reflexes from the liver and from the gallbladder. Biul. eksp. biol. i med. 38 no.7:3-7 J1 '54.

1. Iz kafedry farmakologii (zav. prof. Yu.A.Petrovskiy) L'vovskogo meditsinskogo instituta (dir. prof. L.N.Kuzmenko)

(GALL BLADDER, physiology,

interoceptive conditioned reflexes in dogs)

(LIVER, physiology

interoceptive conditioned reflexes in dogs)

(REFLEX, CONDITIONED,

interoceptive reflexes of liver & gallbladder in dogs)

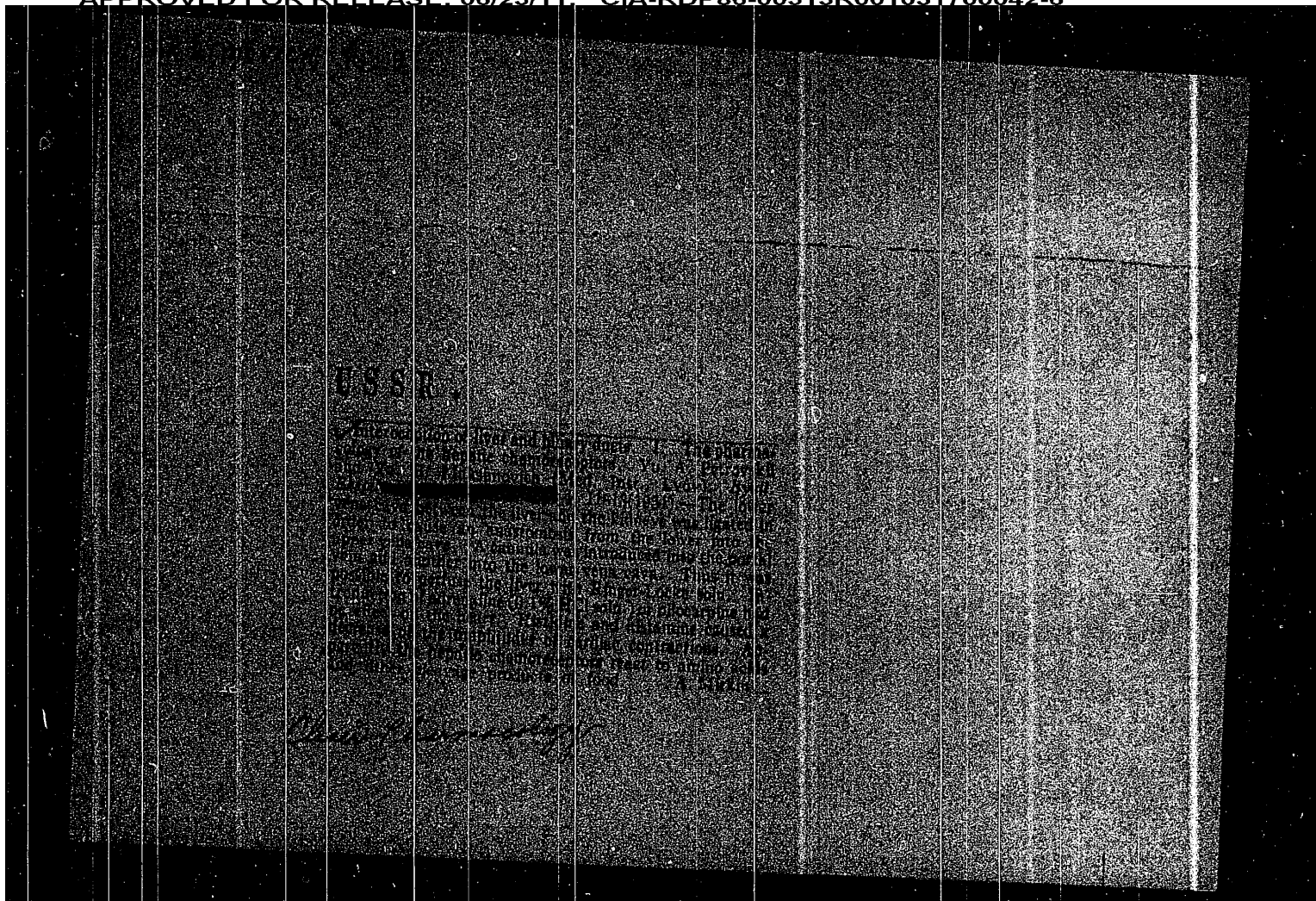
MAKSIMOVICH, Ya. B.

PETROVSKIY, Yu.A.; MAKSIMOVICH, Ya.B.

Interoception of the liver and bile ducts Part 2: Reflexes from
baroreceptors of the gall bladder. Biol. eksp.biol. i med. 37
no.5:6-9 My '54.
(MLRA 7:7)

1. Iz kafedry farmakologii (zav. prof. Yu.A.Petrovskiy) L'vovskogo
meditsinskogo instituta (dir. prof. L.n.Kuzmenko)
(GALLBLADDER, physiology,
*reflexes from baroreceptors)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031700042-6



MAKSIMOVICH, Ya.B.

Graphic registration of conditioned motor reactions in small laboratory animals. Zhur.vys.nerv.deiat. 4 no.6:909-912 N-D '54.

(MLRA 8:7)

1. L'vovskiy nauchno-issledovatel'skiy institut okhrany materinstva i detstva.

(REFLEX, CONDITIONED,

registration of motor reactions in small animals)

USSR / Human and Animal Physiology. Neuro-muscular Physiology.

T-9

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3744

contractions of the uterus that were induced by pituitrin, an antispastic, a relaxing influence of nicotinic acid on the uterus was noted. In situ experiments on animals (by the differentiated methods of Nikolayeva-Subbotina), nicotinic acid was given intravenously in amounts designed to create a blood concentration of 1:100000, or was introduced into the amnion in the form of a 1% solution. In both experimental groups, a rapid lowering of the tonus and a decrease of the peristaltic movements were noted, which, however, was less pronounced than in the tests with isolated segments. For recording of contractions of the pregnant uterus of a woman, a modified method of pneumohystero-graphy was utilized. Nicotinic acid in therapeutic doses (5 ml of a 1% solution) was injected intravenously. The depressing effect of nicotinic acid developed more slowly

Card 2/3

USSR / Human and Animal Physiology. Neuro-muscular Physiology. T-9

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3744

Author : Maksimovich, Ya. B.; Redchenko, I. A.
Inst : L'vov Scientific Research Institute of Maternity and Child Welfare

Title : Clinico-Experimental Studies on Effect of Nicotinic Acid Upon the Contracting Function of the Pregnant Uterus

Orig Pub : Sb. nauchn. rabot L'vovsk. n.-i. in-t okhrany materinstva i detstva, 1954, Vyp. I, 90-93

Abstract : In tests with the uterus of pregnant rabbits and guinea pigs, application of nicotinic acid in a dilution of 1:100000 produced a sudden fall of tonus and a considerable decrease of the peristaltic movements in isolated lengths of uterus (isolation by method of Magnus-Korera). Against the background of spastic

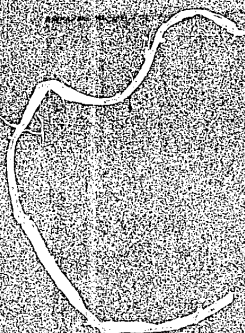
Card 1/3

MAKSIMOVICH, Ya. B.

Bloodless method in graphic registration of blood pressure. Vop.
fiziol. no.5:150-152 '53. (MLRA 8:1)

1. L'vovskiy meditsinskiy institut, kafedra farmakologii.
(BLOOD PRESSURE, determination,
bloodless method)

MAKSIMOVICH, YA. B.



U S S R .

V Glucoside-containing extracts of water pepper grass.
II. I. R. Gaideta and Ya. B. Maksimovich (Med. Inst.,

Lvov Ministry of Health Ukr. S.S.R.). *Apiechnoe Delo* 2, No. 6, 30-4 (1953); cf. C.A. 47, 88384. --Inert matter present in the CHCl_3 exts. of the water pepper grass is removed with $\text{Pb}(\text{OAc})_2$. Filtering through a cationite in order to remove the excess of Pb increases the acidity of the filtrate. Successive filtration through an anionite results in a decrease of the ethereal no. Exts. with high ethereal no. and low acidity have a stimulating effect upon the uterus. The reverse effect is obtained with high-acidity exts. despite the high ethereal no. The most rational method of purifying the exts. is to remove the excess of Pb with H_2S and to filter through an anionite.

A. S. Mirkin

MAGAK'YAN, I.G.; AKIMENKO, N.M.; BELEVTSSEV, Ya.N.; GERSHOYG, Yu.G.;
GRECHISHNIKOV, N.P.; KALYAYEV, G.I.; KARSHENBAUM, A.P.;
KRAVCHENKO, V.M.; KULISHOV, M.P.; MAKSIMOVICH, V.L.; MEL'NIK,
Yu.P.; PITADE, A.A.; SKURIDIN, S.A.; STRIGIN, A.I.; FEDORCHENKO,
V.S.; FOMENKO, V.Yu.

Reviews and bibliography. Geol. rud. mestorozh. 7 no.3:113-
117 My-Je '65. (MIRA 18:7)

BELEVTSSEV, Ya.N.; FOMENKO, V.Yu.; NOTAROV, V.D.; MOLYAVKO, G.I.;
 MEL'NIK, Yu.P.; SIROSHTAN, R.I.; DOVGAN', M.N.; CHERNOVSKIY,
 M.I.; SHCHERBAKOVA, K.F.; ZAGORUYKO, L.G.; GOROSHNIKOV, B.I.;
 AKIMENKO, N.M.; SEMERGEYEVA, Ye.A.; KUCHER, V.N.; TAKHTUYEV, G.V.;
 KALYAYEV, G.I.; ZARUBA, V.M.; NAZAROV, P.P.; MAKSIMOVICH, V.L.;
 STRUYEVA, G.M.; KARSHENBAUM, A.P.; SKARZHINSKAYA, T.A.;
 CHEREDNICHENKO, A.I.; GERSHOYG, Yu.G.; PITADE, A.A.; RADUTSKAYA,
 P.D.; ZHILKINSKIY, S.I.; KAZAK, V.M.; KACHAN, V.G.; POLOVKO, N.I.,
 red.; LADIYEVA, V.D., red.; ZHUKOV, G.V., red.; YEPATKO, Yu.M.,
 red.; SLENZAK, O.I., red. izd-va; KULICHENKO, V.G., red.;
 RAKHLINA, N.P., tekhn. red.; MATVEYCHUK, A.A., tekhn. red.

[Geology of the Krivoy Rog iron ore deposits] Geologia Krivo-
 rozhsikh zhelezorudnykh mestorozhdenii. Kiev, Izd-vo Akad. nauk
 USSR. Vol.1. [General problems of the geology of the Krivoy Rog
 Basin. Geology and iron ores of the "Ingulets," Rakhmanovskiy,
 and Il'ich ore deposits] Obshchie voprosy geologii Krivbassa.
 Geologicheskoe stroenie i zheleznye rudy mestorozhdenii rudnikov
 "Ingulets," Rakhmanovskogo i im. Il'icha. 1962. 479 p. Vol.2. [Ge-
 ology and iron ores of the Dzerzhinskiy, Kirov, Liebknecht, October
 Revolution, "Bol'shevik," Frunze, 22d Parts'ezd, Red Guard, and
 Lenin deposits] Geologicheskoe stroenie i zheleznye rudy mestorozhdenii
 im. Derzhinskogo, im. Kirova, im. K. Linkenkhta, im. XX parts'ezda, im.
 Krasnoi Gvardii i im. Lenina. 1962. 564 p. (MIRA 16:5)
 (Krivoy Rog Basin---Iron ores)

BELEVITSEV, Ya.N.; FOMENKO, V.Yu.; NOTAROV, V.D.; MOLYAVKO, G.I.; MEL'NIK, Yu.P.; SIROSHTAN, R.I.; DOVGAN', M.N.; CHERNOVSKIY, M.I.; SHCHERBAKOVA, K.F.; ZAGORUYKO, L.G.; GOROSHNIKOV, B.I.; AKIMENKO, N.M.; SEMERGEYEVA, Ye.A.; KUCHER, V.N.; TAKHTUYEV, G.V.; KALYAYEV, G.I.; ZARUBA, V.M.; NAZAROV, P.P.; MAKSIMOVICH, V.L.; STRUYEVA, G.M.; KARSHENBAUM, A.P.; SKARZHINSKAYA, T.A.; CHEREDNICHENKO, A.I.; GERSHOYG, Yu.G.; PITADE, A.A.; RADUTSKAYA, P.D.; ZHILKINSKIY, S.I.; KAZAK, V.M.; KACHAN, V.G.; STRYGIN, A.I., red.; LADIYEVA, V.D., red.; ZHUKOV, G.V., red.; YEPATKO, Yu.M., red.; SHCHERBAKOV, B.D., red.; SLENZAK, O.I., red. izd-va; RAKHLINA, N.P., tekhn. red.

[Geology of Krivoy Rog iron-ore deposits] Geologiya Krivorozhskikh zhelezorudnykh mestorozhdenii. Kiev, Izd-vo Akad. nauk USSR. Vol. 1. [General problems in the geology of the Krivoy Rog Basin. Geology and iron ores of the deposits of the "Ingulets," Rakhmanovo, and Il'ich Mines] Obshchie voprosy geologii Krivbassa. Geologicheskoe stroenie i zheleznye rudy mestorozhdenii rudnikov "Ingulets," Rakhmanovskogo i im. Il'icha. 1962. 479 p.

(Krivoy Rog Basin--Mining geology)

(MIRA 16:3)

(Krivoy Rog Basin--Iron ores)

MAKSIMOVICH, V. L. Cand Geol-Min Sci -- "~~The ore-bearing~~ ^{capacity} ~~of the central Saksgen belt of the Krivbas and~~ ^{the Krivbas} ~~variation with~~
~~changing~~ depth." Kiev, 1960. (Min of Higher and Secondary Specialized Education
UkSSR. Kiev Order of Lenin State Univ im T. G. Shevchenko) (KL, 1-61, 185)

KARSHENBAUM, A.P.; MAKSIMOVICH, V.L.

Structure of the Saksagan anticline in the northern part of the
Saksagan band. Sbor. nauch. trud. NIGRI no.2:183-194 '59.
(MIRA 14:1)

(Saksagan Valley--Folds (Geology))

MAKSIMOVICH V.L.

AKIMENKO, N.M.; BELEVTSYEV, Ya.N.; GOROSHNIKOV, B.I.; DUBINKINA, R.P.;
ISHCHENKO, D.I.; KARSHENBAUM, A.P.; KULISHOV, M.P.; LYASHCHENKO,
K.P.; MAKSIMOVICH, V.L.; SKURIDIN, S.A.; SIROSHATAN, R.I.; TOKHTUYEV,
G.V.; FOMENKO, V.Yu.; SHCHERBAKOVA, K.F.; SEMENOV, M.V., red.izd-va;
AVERKIYEVA, T.A., tekhn.red.

[Geological structure and iron ores of the Krivoy Rog Basin]
Geologicheskoe stroenie i zheleznye rudy Krivorozhskogo basseina.
Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geologii i okhrane
nedr, 1957. 278 p. (MINA 11:3)
(Krivoi Rog Basin--Geology)

MEDOVAR, B.I., kand.tekhn.nauk; Primalni uchastiye: LATASH, Yu.V., kand.
tekhn.nauk; MAKSIMOVICH, V.I., inzh.; CHEKOTILO, L.V., inzh.; PUZIRIN,
L.G., inzh.

Improvement of the weldability of austenite steels and alloys as a
result of remelting under electric slag. Svar. proizv. no.10:16-18
O '60. (MIRA 13:9)

1. Institut elektrosvarki im. Ye.O.Patona AN USSR.
(Heat-resistant alloys--Welding)

ONOPKO, B.N., otv. red.; NAVAKATIKY, A.O., zam. otv. red.;
BLAGOVESHCHENSKAYA, J.N., red.; VEREZNIKOVA, A.V., red.
GALUSHKA, F.P., red.; ZINGEL, Ye.Ye., red.; LYUBCHIKOV,
V.Ye., red.; MAKSILOVICH, V.A., red.; OKUN', M.I., red.

[Basic problems of hygiene, industrial physiology and occupational pathology in the leading branches of Donets Basin industries; scientific session of May 1964; abstracts of the reports] Osnovnye voprosy gigheny, fiziologii truda i professional'noi patologii v vedushchikh ot-rasliakh promyshlennosti Donbassa; nauchnaya sessiya, mai 1964 g.; tezisi dokladov. Donetsk, 1964. 147 p.

(KIRA 18:1)

1. Donetsk. Nauchno-issledovatel'skiy institut fiziologii truda.

SAKHNENKO, Vladimir L'vovich; ~~MAKSIMOVICH, Vadim Aleksandrovich~~; TROITSKIY, Anatoliy Vasil'eyvich; ~~TROCHUN, Ivan Petrovich~~; ~~POFISHKO, Aleksey Vasil'yevich~~; AVRAMENKO, Luka Avksent'yevich; VAREYKIS, Arnol'd Mikhaylovich; VITKUP, Ye.B., redaktor; RAYKO, M.V., redaktor; SAMOKHVALOV, Ya.A., vedushchiy redaktor; VAL'CHUK, G.I., vedushchiy redaktor; PATSALYUK, P.M., tekhnicheskiiy redaktor

[Atlas of machine parts; mechanical joints and couplings] Atlas
detalei mashin; soedineniia i mufty. Kiev, Gos. izd-vo tekhn. lit-
ry USSR, 1956. 146 p. (MLRA 10:2)
(Couplings) (Welding) (Fastenings)

AGARKOV, F.; MAKSIMOVICH, V.; NAMYATYY, A.; PEVNYI, S.; TARAPATA, N.

Materials for the establishment of time norms for rest periods of
miners in the coal mines of the Donetsk Basin. Biul. nauch. inform.
trud i zar. plata 5 no.2:36-43 '62. (MIRA 15:2)
(Donetsk Basin. Coal mines and mining)(Rest periods)

MAKSIMOVICH, T.S., inzh.

Using large insulated reinforced concrete panels in industrial
building. Biul. stroi. tekhn. 12 no.7:7-8 J1 '55. (MIRA 11:12)

1. Trest Krivorozhstroy.
(Concrete slabs)

MAKSIMOVICH, T.S.

35568 MAKSIMOVICH, T.S. Magnitnoye izvlecheniye vnutriglaznykh oskolkov na fronte. Sbronik k pyatidesyatiletuyu nauch., ped., vracheb. I obshchestb. Deyatel'nosti K. Kh. Orlova. Gor'kiy, 1949, C. 132-46

80: Letopis' Zhurnal'nykh Statey, Vol. 45, 1949

MAKSIMOVICH, T. S.

35569 MAKSIMOVICH, T. S. Rezul'taty Proverki tonometrcheskoy Pilokarpinovoy proby kak metoda Ranney Diagnostiki Glaukomy. Sbornik k pyatidesyatiletuyu nauch., ped., vracheb. i Obshchestv. Deyatel'nosti k. kh. Orlova. Gor'kiy, 1949, c. 82-84.

SO: Letopis Zhurnal'nykh Statey, Vol. 45, 1949

MAKSIMOVSKIY, Nikolay Sergeyevich; SHUKHER, I.M., red.; UCHITEL', I.Z.,
red. izd.-va; SOROKINA, T.M., tekhn. red.

[Purification of waste waters] Ochistka stochnykh vod. Moskva,
Izd-vo M.-va kommun. khoz. RSFSR, 1961. 351 p. (MIRA 15:2)
(Sewage--Purification)

ILLEGIBLE

1. SUMMARY

ACCESSION NO: AP0018818

Designates the blocks in the circuit of a net containing the circuit definitions for different blocks. This enables one to find the equations for independent currents and voltages in the network very simply. Orig. art. has 11 formulas.

ASSOCIATION: Lvivskyi Derzhavnyi universytet (Lvov State University)

SUBMITTED: 07/11/64

INCL: 00

SUB CODE: DP, MA

NO REL: 000

OTHER: 000

Accession NR: A 401-513

UR/0021/65/000/001/0570/0572

Author: Makymovych, M. P., (Makymovich, N. G.)

23
B

ENTER: Mathematical notation for circuit diagrams of complex electrical networks

SOURCE: N UkrRZh, Doprvid, no. 5, 1965, 570-572

TOPIC: ACES; electronics; computer input; electric network; mathematical notation; circuit diagram

ABSTRACT: The use of universal computers in designing complex electrical networks requires revisions of the existing mathematical notation forms for such networks. The present article considers a suggested method for denoting a complex electrical circuit. The block diagrams is given separately and the parameters of each component are denoted separately. The possibility is considered of describing the circuit diagrams from the standpoint of the necessary volume of information to be fed into the memory of the computer. The matrix notation used at present for denoting the diagram of a complex electrical network contains a considerable amount of unnecessary information which overloads the memory of the universal digital computer. It is shown that it is much more convenient to utilize either sets

Card 1/2

MAKSIMOVICH, N.G. [Maksymovych, M.H.]

Methods of mathematical recording of the connections of complex
electric circuits. Dop. AN URSR no.5:570-572 '65.

(MIRA 18:5)

1. L'vovskiy gosudarstvennyy universitet.